



More Than Washing
Automation Experts

The **SonixClean Automotive** series is specifically designed to wash all sorts of **automotive parts, components, and accessories.**

Ultrasonic washers are typically used in automotive manufacturing, remanufacturing, repair facilities, fuel test laboratories, and can be found at nearly all tier 1, tier 2 and tier 3 suppliers.

The effectiveness of these types of systems has directed the need of ultrasonic washing into other manufacturing facilities using similar types of parts and processes like **aerospace, marine equipment, heavy equipment, agricultural, electronics** and more.

Ultrasonic washers are great solutions for processes that include **oil removal, carbon build up** or both! SonixClean systems are very flexible with the ability to clean a large variety of parts, including cylinder heads, cylinder blocks, crankshafts, camshafts, pistons, connecting rods, turbos, gearboxes, transmissions, carburetors and more!

Our systems have adjustable frequencies to ensure we have provided the perfect solution for your process. **Niagara Systems** has been providing the very best industrial cleaning systems **since 1934** and we look forward to providing a valuable solution for your needs.



SONIXCLEAN
ULTRASONIC CLEANING
BY NIAGARA SYSTEMS

SONIXCLEAN SC-440

ULTRASONIC WASH SYSTEM



Technical Data

Capacity	440 gallons
Internal Dimension	69" x 40" x 43"
Basket Measurements	65" x 36" x 31"
External Measurements	130" x 65" x 53"
Weight	2755 Lb

Electrical Characteristics

Power Supply	480V
Heating Element	2 x 9000W

Ultrasonic Characteristics

Ultrasonic Power	12000Wp (24000Wp-p)
<ul style="list-style-type: none"> Ultrasonic generators with an output power of 12000Wp (24000Wp-p) 	
Working Frequency	40 KHz sweep system ± 2%
<ul style="list-style-type: none"> 6 submergible emitters with 2000Wp (4000Wp-p) of power built in INOX AISI 316 steel, 1" thick. 34 high-performance PZT (lead zirconate titanate) piezo-electric transducers with aluminum alloy body. 	

Control Panel

4.3" Touch Screen: Functional and intuitive, with access to selection to machine settings

- Weekly calendar programming to optimize the start-up of the equipment
- PLC with temperature module with 8 inputs and 6 outputs

Finish & Accessories

- Tank built in INOX AISI 304 SS, 0.09" thick
- External panel in SS, 0.03" thick
- Thermo-acoustic isolator K-Flex Duct Net, 0.8" thick
- Reinforced pneumatic platform for loading and unloading up to 2204 lb
- 2" draining ball valve
- Height adjustable legs
- Insulated tank cover in SS with pneumatic shock absorber
- Air blow-gun for drying parts
- Integrated water flow system. Removes the existing waste on the tank surface, keeping the cleaning equipment in perfect condition
- Optional Filtration System: SS filter with polypropylene/polyester bag